Figure 1

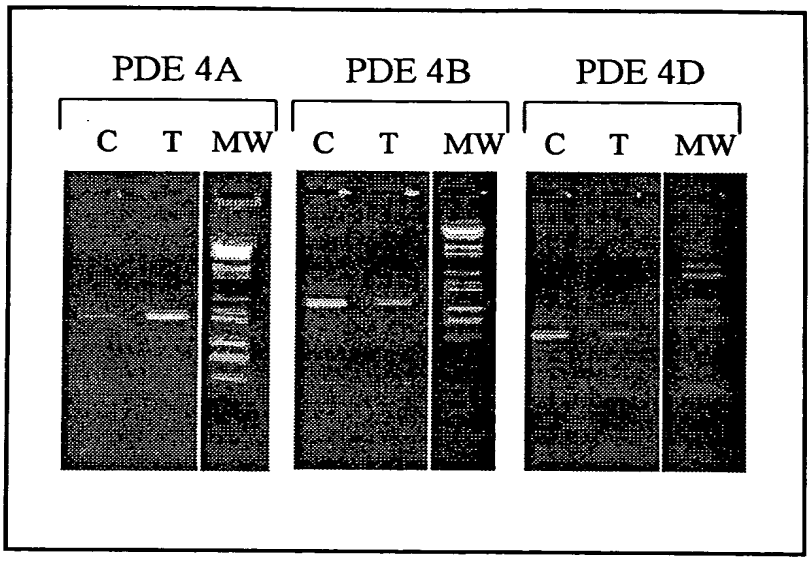


Figure 2

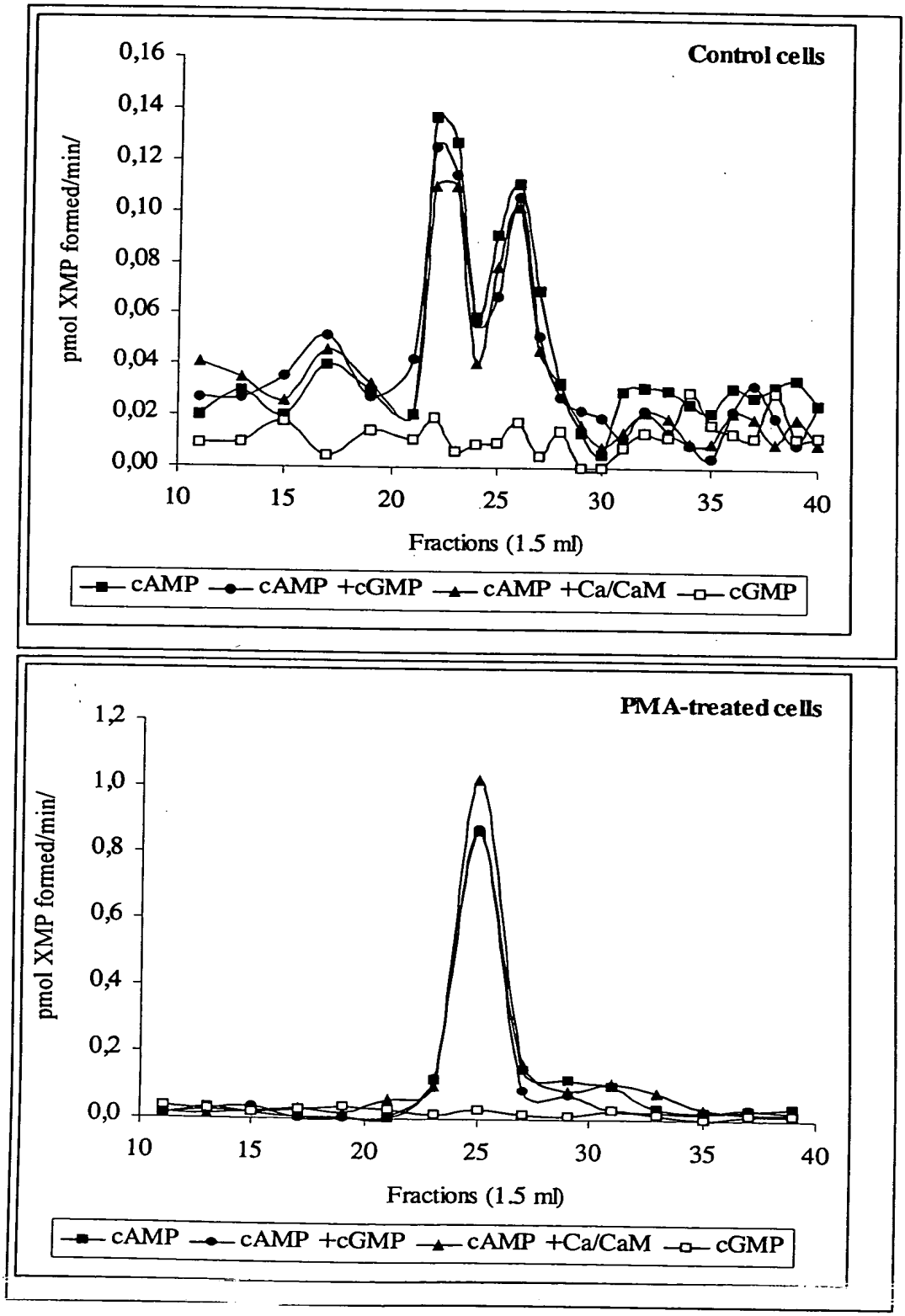

Control cells
pmol XMP formed/min/
0,16
0,14
0,12
0,10
0,08
0,06
0,04
0,02
0,00
10
15
20
25
30
35
40
Fractions (1.5 ml)
cAMP
cAMP +cGMP
cAMP +Ca/CaM
cGMP
PMA-treated cells
pmol XMP formed/min/
1,2
1,0
0,8
0,6
0,4
0,2
0,0
10
15
20
25
30
35
40
Fractions (1.5 ml)
cAMP
cAMP +cGMP
cAMP +Ca/CaM
cGMP

Figure 3

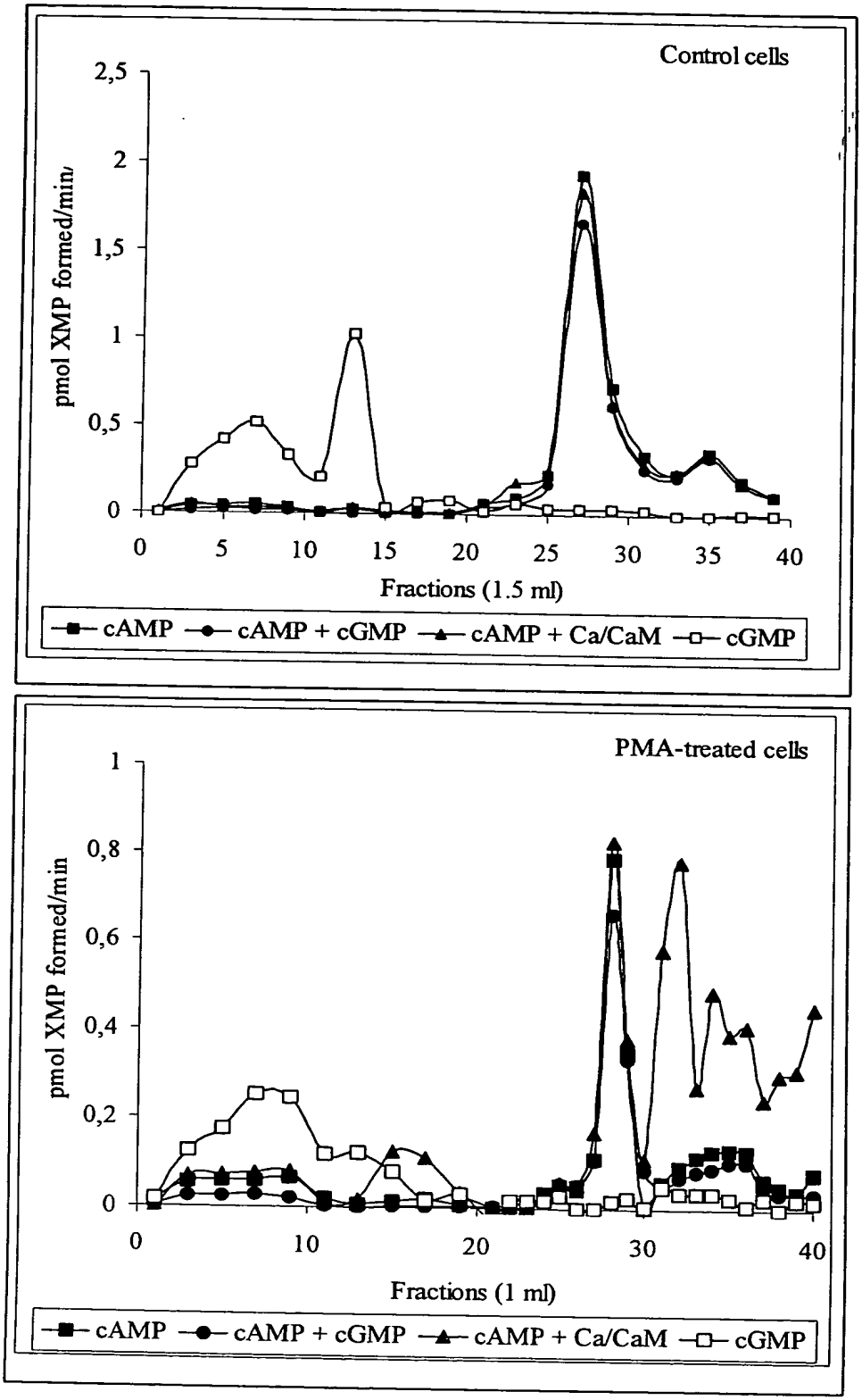
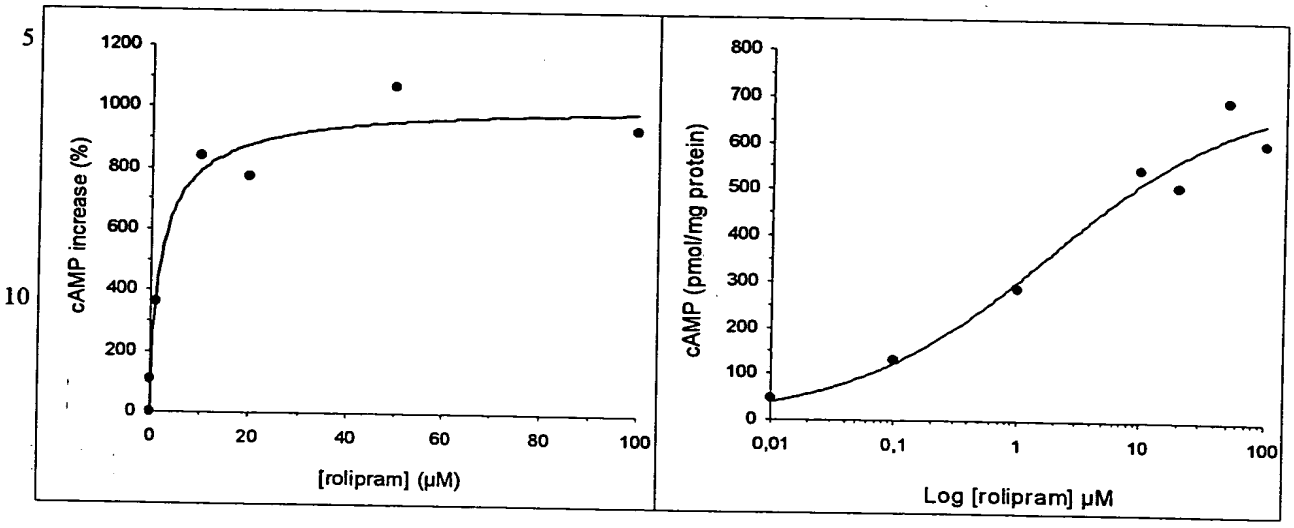

Control cells
pmol XMP formed/min
2,5
2
1,5
1
0,5
0
0 5 10 15 20 25 30 35 40
Fractions (1.5 ml)
cAMP
cAMP + cGMP
cAMP + Ca/CaM
cGMP
PMA-treated cells
pmol XMP formed/min
1
0,8
0,6
0,4
0,2
0
0 10 20 30 40
Fractions (1 ml)
cAMP
cAMP + cGMP
cAMP + Ca/CaM
cGMP

Figure 4


cAMP increase (%)
1200
1000
800
600
400
200
0
0
20
40
60
80
100
[rolipram] (µM)
cAMP (pmol/mg protein)
800
700
600
500
400
300
200
100
0
0,01
0,1
1
10
100
Log [rolipram] µM